

Abstract

A process and apparatus for modulating the temperature of an enclosure includes a thermal storage means on a roof portion, and panels positioned above the thermal storage means. One panel is fixed in position, either over the thermal storage means or adjacent thereto. A pair of movable panels are arranged at different levels from the fixed panel and are adapted to move with respect to sides of the fixed panel to cover or expose the thermal storage means for solar heating during the day or cooling at night.